



UNITED STATES MARINE CORPS

3D MARINE DIVISION (-) (REIN), FMF
UNIT 35801
FPO AP 96602-5801

DivO 2000.1
G-6

30 APR 1992

DIVISION ORDER 2000.1

From: Commanding General
To: Distribution List

Subj: 3D MARINE DIVISION STANDING ANNEX K


Ref: (a) FMFM 3-30

Encl: (1) Standing Annex K

1. Purpose. Per the reference, this document is the primary means of disseminating communications-electronic information for all Division exercises and operations. Exercise/operation specific information will be disseminated via a series of page inserts that when inserted into this document will form the complete communications plan. Annex K is supported by the Division Comm-Elect SOP (DivO P2000.10) which provides further guidance and amplification.

2. Recommendation. Recommendations concerning the content of the standing Annex K are invited. Such recommendations will be forwarded to this Headquarters (Attn: AC/S G-6) via the appropriate chain of command.

3. Action. All communications elements will maintain the current edition of the standing Annex K. The current standing Annex K is identified by the date at the top of the page and is available through the AC/S G-6. All units will ensure that page inserts are added to this Order when promulgated.


J. S. SNOWDEN
Chief of Staff

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STANDING ANNEX K

HEADQUARTERS
3D MARINE DIVISION (-) (REIN)
FPO AP 96602-5801
1 MARCH 1992

ANNEX K

COMMUNICATIONS-ELECTRONICS PLAN

REFERENCES: (a) DIVO P2000.10C (Comm-Elec SOP)
(b) ANNEX K to CG III MEF/7th FLT OPPLAN 201
(c) FMFRP 3-32 (Tri-MEF SOP for Communication and Computer Systems)
(d) FMFM 3-30 (Communications)
(e) FMFM 3-1 (Command and Staff Action)
(f) DIVO P3120.XX (Div CP SOP) (DRAFT)
(g) NWP-4 (Basic Operational Communications Doctrine)
(h) NTP-4 (C) (Fleet Communications)
(i) ACP-121, US SUP-1 (General Communications Instructions)

1. GENERAL

a. Purpose. The purpose of this ANNEX is to provide instructions and guidance on the installation, operation and maintenance (IOM) of communication and electronic systems for the 3d Mar Div in support of exercises and operations.

b. Situation

(1 Enemy Forces

ANNEX B

The enemy has the capability to:

1 Conduct signals intelligence and electronic warfare operations.

2 Conduct extensive wire tapping on Ministry of Communications (MOC) circuits, in-country leased circuits and U.S. installed wire integrated systems. The ability to conduct wire tapping on U.S. installed wire is low as long as the wire remains inside a controlled area. If the wire passes outside a controlled area, the ability to conduct tapping increases substantially.

3 Accurately locate and target friendly forces communication and electronic emitters through the use of direction finding.

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4 Employ civilian and special forces personnel to sabotage friendly and civilian communications equipment/facilities.

5 Conduct biological and chemical warfare operations which will require operators to employ individual protective measures while operating communications circuits.

6 Insert deceptive traffic on most communications channels to include prerecorded transmissions on secure voice channels. One variation of this is to use the prerecorded preamble of a secure message and accompany it with a clear voice transmission to simulate secure traffic.

(2) Friendly Forces

(a) ANNEX A (Task Organization)

(b) Command relationships. ANNEX J (Command Relationships).

(3) Attachments and Detachments. ANNEX A (Task Organization).

4) Assumptions

(a) That Communications Company, Headquarters Battalion will provide communications support only to the 3d Mar Div.

(b) That 7th Communication Battalion will provide Defense Communication System (DCS) access and Satellite Communication (SATCOM) support for the Division.

(c) That language barriers and the incompatibility of some communication equipment hardware and software will require placement of USMC communications liaison teams with allied forces. Additionally, allied liaison teams may be required and placed with the Division FWD/Main Command Post.

(d) That the amphibious shipping will provide adequate communications to support TACLOG operations.

2. Mission. Commencing on or about D-Day, Division FWD communication units will IOM necessary telecommunications systems and facilities to provide reliable command, control and communications support to the Division headquarters.

3. Execution

a. Guiding Principals. Communication elements of the 3d Mar

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Div will use the communication procedures contained in references (a) through (i). The following special principles will apply:

(1) Normally, only flash and immediate messages will be transmitted by radio.

(2) Principals and watch officers will not normally talk on radio LINKS.

3 Radio operators will maintain radio LINKS

(4) Transmit only critical elements of information by electronic means per reference (g).

5) Use abbreviated Call Signs.

(6) Normally, prowords/prosigns will not be used.

7 Keep communication lines including radio LINKS) to a minimum.

(8) Plan on operating during periods of degraded communications.

(9) Reduce electronic signature whenever possible.

b. In order to facilitate control and reduce interference with communications, frequency changes, radio transmission brevity (MIMCON) and on occasion complete emission control (EMCON) will be employed.

c. Plan and install backup equipment and alternate communication paths to enhance the communication system's reliability, flexibility, and responsiveness to supported commanders and staff agencies.

d. Combine and/or eliminate radio nets whenever feasible to conserve the frequency spectrum, reduce electronic signature, communication equipment, and personnel requirements.

e. Use all available Communications Security (COMSEC) capabilities and assets to deny unauthorized persons information of value derived from the possession and study of communication media. The use of independently generated codes, ciphers callsigns or callwords is prohibited.

f. The AC/S G-6 is the single point of contact for obtaining communications-electronics services, support, or interfacing with higher headquarters on communications matters.

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g. Do not assume interoperability with other U. S. and Allied forces or equipment. Plan to establish communication links with adjacent services and allied units using liaison teams.

h Operational Concept

(1) The 3d Mar Div is dedicated to the reduction of radio nets, CP size, and electronic signature of our command post. The LINK Concept, a system of common user nets and the application of data burst transmission equipment, is the vehicle by which we intend to accomplish our objectives.

(2) Utilize every available communications means to provide the commander with the ability to exert his authority and fulfill his responsibilities.

(3) The capabilities of tactical communications are greatly enhanced through the designed redundancy of circuit paths and by the Tactical Automatic Switching System (TASS). Although this system is not secure, it provides a rapid means for effecting the majority of command and control communications. Plan on using it to the maximum extent feasible, consistent with security.

(4) The major limitation of the communications system is the high Electronic Warfare (EW) threat. The enemy has the capability to disrupt and intercept, our communications. All personnel must display care when using voice communications to ensure that intelligence information is denied to the enemy. This is best accomplished through the use of authentication, encryption, and common sense.

i Tasks and Responsibilities

(1 Headquarters Battalion

(a) IOM the 3d Mar Div command and control communication circuits per references (a) through (i) and this ANNEX.

(b) IOM the 3d Mar Div Systems Control (SYSCON) and Technical Control (TECHCON) facilities per this ANNEX.

(c) IOM a Communications Central using the LINK Concept to support COC operations. In conjunction with G-6, be prepared to brief the functions of Comm Central and the purpose of the various LINKS and circuits to battle center personnel.

(d) Provide a SNCO or an Officer for Comm Systems supervisor watch within the COC. This Marine should be familiar

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with the total communications system and be able to interface easily with the battle center staff. Up to the minute status of communications systems will be maintained and displayed on status boards for quick reference. Coordinate with the Current Battle Center (CBC) Watch Officer and document the proper message distribution routes for incoming/outgoing tactical messages within the CBC. Ensure TOD's, TOR's, copy counts and back route procedures are addressed and maintained.

(e) Function as the Area Communications Manager at all Division Headquarters CP and retransmission locations.

(f) Submit reports IAW Reference A (Communications Control Chapter).

(g) IOM the TASS as described in Appendix 6 (Wire and Multichannel Radio Plan), to include internal telephones for the 3d Mar Div Command Post.

(h) In conjunction with the G-6 develop and publish the Division telephone directory.

(i) In conjunction with the G-6 and the G-3 develop the PLRS plan

(j) IOM single channel radio circuits per Appendix 4 (Radio Circuit Plan).

(k) IOM or terminate multichannel/wire links per Appendix 6 (Wire and Multichannel Radio Plan) to this ANNEX.

(l) Maintain one AN/MRC-110 radio vehicle, with driver/operator, to include call signs, crypto hardware and software on a continuous "ON-CALL" basis for use by the CG, 3d Mar Div.

(m) Coordinate with this headquarters (G-6 ISMO) for the establishment/coordination of the ADPE LAN within the Division Main CP.

(n) Coordinate with senior and subordinate systems control (SYSCON) centers to facilitate the day-to-day operation of 3d Mar Div circuits per reference (b) and this ANNEX.

(o) Be prepared to establish and deploy a helo transportable and mobile VHF relay/retransmission team to support Division circuits.

(p) Be prepared to provide administrative/logistical support for attached multichannel/comm teams.

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(q) Be prepared to provide maintenance contact teams to Division units as required.

(2) Subordinate Units. IOM communications systems as described in this ANNEX, ref (a), and organizational directives.

j. Coordinating Instructions

(1) On or about D-Day as Division FWD assumes control of the subordinate units, Division SYSCON will control/coordinate an orderly transition of the telecommunications system from the ship to the 3d Mar Div FWD.

(2) Use Greenwich Mean Time (ZULU) in the date-time-groups for all naval (AUTODIN) messages. Use local time in the date-time-groups of all radio messages.

(3) Communications Security. Direct all reports cited to the appropriate staff section within the Division MAIN CP. Only immediate or flash messages will be sent via radio.

4. Special Measures

a. Safety is paramount while working with communication-electronic equipment. Under no circumstances will the safety of individual be compromised because of exercise requirements.

b. Warning signs in both English and local language will be posted near HF equipment explaining the inherent danger.

c. Division G-1 (Adjutant) will set up procedures for messenger service to 3d Mar Div units while in the field.

d. Division G-6 representatives are available to assist staff personnel in alternate routes and means of communications during periods of circuit saturation or outages.

e. Detailed instructions for the establishment of Special Intelligence (SI) communications. Appendix 15 (Special Intelligence Communications) to ANNEX K of reference (b).

f. Orders to uncover already established secure radio nets will be preceded by authentication per AKAC-874 or AKAC-1505.

g. HF and multichannel frequencies will be non-changing.

5. Logistics

a. ANNEX D

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b. Units will deploy with the capability to perform organizational and field maintenance per unit T/O and T/E.

c. The FSSG will provide 3rd and 4th echelon level maintenance support of all ground common communications-electronics equipment, including cryptographic equipment.

d. Units will deploy with five 5) days of supply of wire and batteries to support all radio nets

6. Administration

a. All communication reports will be per Appendix 6 to ANNEX Q (Reports) and Appendix 6 to ANNEX Q of reference (b).

b. Report security and COMSEC violations to this Headquarters (Attention G-6/G-2) immediately.

c. Command Posts will be as determined at a later date

d. Refer to DivO P2000.10C for guidance on the below subjects:

- (1) Communications Security
- (2) C3 Protection
- (3) Communications Planning
- (4) Visual and Sound Communications
- (5) Systems Management and Control
- (6) Tactical Satellite Communications
- (7) Communications Center Operation
- (8) Task Organization and Comm Guard Procedures
- (9) Safety

e. Appendixes:

- (4) Radio Circuit Plan
- (6) Integrated Wire and Multichannel Radio Plan
- (8) CP Displacement Communications
- (10) Contingency Communications (TBI)
- (11) Data Communications (TBI)
- (12) TECG Communications (Reference (b))
- (14) Special Intelligence Communications (Reference (b))

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APPENDIX 4 TO ANNEX K
RADIO CIRCUIT PLAN

REFERENCE: (a) ACP-125
(a) DivO P2000.10C

1. General

a. This radio circuit plan is general in nature so as to give guidance in radio procedures/activities that are applicable in most situations that 3d Mar Div forces may become involved.

b. 3d Mar Div radio procedures will be established and maintained per reference (a) and applicable directives and SOP's. Normally, the LINK Concept will be employed for all voice radio traffic.

2. Radio Procedures

a. Voice radio record traffic will utilize Local Time for the Date-Time-Group.

b. Covered circuits will be activated in the covered mode.

c. All 3d Mar Div nets will be directed nets unless notified by NECOS otherwise.

d. Call signs will be per the ACEOI

e. Communications supervisors must be continuously alert to maintain the most rapid flow of traffic, using all available means of delivery. Only Immediate and Flash traffic will normally be passed over voice radio circuits.

f. Authentication systems/keylist restart times will be per A to Appendix 1.

g. Antenna polarization will be at the direction of SYSCON.

h. Net Control Station (NECOS) responsibilities are detailed in Reference A.

3. Frequencies

a. 3d Mar Div G-6 will publish an ACEOI which will identify all circuits, units, frequencies and emissions.

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b. Spare frequencies will be controlled and assigned by the 3d Mar Div G-6; requests will be submitted to the 3d Mar Div Frequency Manager (Attn: AC/S G-6) via SYSCON.

4 Circuit Activation/Restoration

a. The 3d Mar Div G-6 is responsible to ensure that the activation times for each radio circuit is promulgated, effectively disseminated, and implemented. See Tab B to this Appendix.

b. A description of each radio circuit is found in Tab A to this Appendix.

5. Emission Designators. Emission designators are used to identify what type service each circuit is providing. Refer to Appendix G of FMFM 3-30 for a description.

6. Cryptographic Material. The following list of keying material is standard for III MEF and Pacific Fleet exercises. Communications Officers/Chiefs should ensure that this material is on hand and any exercise unique material has been planned.

AKAC 874 - Authentication/Cipher code

USKAT 223 - III MEF Parkhill

USKAT 1054 - III MEF Vinson

USKAT 12772 - III MEF KG-84 Keymat

USKAT 1045 - PACOM Parkhill

USKAT 1105 - PACOM Vinson

(7) AKAI 6 - Call Signs and Call Words

b. See the radio guard chart for crypto restart times

TABS:

- A - Circuit Descriptions
- B - Radio Guard Charts (TBI)
- C - Radio Frequency Plan (TBI)
- D - Division Retransmission Concept

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TAB A TO APPENDIX 4 TO ANNEX K
RADIO CIRCUIT DESCRIPTION

REFERENCES: (a) ACP-125, Radiotelephone Procedures
(b) DivO P2000.10C, Comm Elect SOP

1. General. All 3d Mar Div units will establish and maintain voice radio procedures per the references and the procedures contained herein.

2. Radio Procedures

a. All 3d Mar Div radio circuits will be directed circuits unless otherwise specified by NECOS.

b. Drafters will include the code word ACTUAL as the first line of any radio message dealing with real world matters.

3. Radio Circuits. A description of the III MEF/3d MarDiv radio circuits normally activated are as follows:

MAGTF Circuits

Circuit: MAGTF 1

Emission: 25K0G7W (UHF Satcom VINSON)

Purpose: To allow the MAGTF Commander voice satellite access for tactical operations. This circuit may also be used for emergency ACE coordination issues.

Crypto: KY-57

Circuit: MAGTF 2

Emission: 3K00J3D (HF Voice PARKHILL)

Purpose: To allow the MAGTF commander and his staff HF voice access to the MSE's for all types of information.

Crypto: KY-65

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Stations: III MEF/NECOS
3D MARDIV/GUARD
1ST MAW/GUARD
3D FSSG/GUARD

(3) Circuit: MAGTF 3

Emission: 32K0F1E (VHF Voice VINSON)

Purpose: To allow the MAGTF commander and his staff VHF voice access to his MSE's for all types of information.

Crypto: KY-57

Stations: III MEF/NECOS
3D MARDIV/GUARD
1ST MAW/GUARD
3D FSSG/GUARD

Circuit: MAGTF 6

Emission: 32K0F1C (VHF Facsimile VINSON)

Purpose: To allow the MAGTF commander and his staff facsimile connectivity to the MSE's for all types of information.

Crypto: KY-57

Stations: III MEF/NECOS
3D MARDIV/GUARD
1ST MAW/GUARD
3D FSSG/GUARD

Circuit: HST CONTROL NET

Emission: 3K00J3E (HF Voice)

Purpose: Provides a means for the passing of information between HST's, TACLOG groups of helicopterborne forces, MAGTF TACLOG and LFSP units.

Crypto: UNSECURE

Stations: III MEF/OR RESPONSIBLE TACLOG/NECOS
3D MARDIV TACLOG/GUARD
LFSP/GUARD
HST TEAMS/GUARD

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- (6) Circuit: LFSP CONTROL NET
- Emission: 32K0F1E (VHF Voice VINSON)
- Purpose: To provide a means for landing force units to request support from the LFSP and to allow the LFSP to coordinate with TACLOGs for landing of equipment and supplies ashore.
- Crypto: KY-57
- Stations: III MEF/OR RESPONSIBLE TACLOG/NECOS
3D MARDIV TACLOG/GUARD
LFSP/GUARD
FSSG FWD/GUARD
- 7 Circuit: LF COMMCOORD NET
- Emission: 32K0F1E (VHF Voice VINSON)
- Purpose: Provides a means for the coordination of the IOM of communications systems in the MEF.
- Crypto: KY-57
- Stations: III MEF/NECOS
3D MARDIV/GUARD
1ST MAW/GUARD

Supporting Arms Circuits

- (1) Circuit: LF/DIV FSC NET
- Emission: 32K0F1E (VHF Voice/DATA VINSON)
- Purpose: Provides a means for LF/GCE level fire support coordination.
- Crypto: KY-57/USKAT-1105
- Stations: SACC (AFLOAT)
3D MARDIV/NECOS
RLT/SEP BN GUARD
- (2) Circuit: TAR/HAR 1
- Emission: 3K00J3E (HF Voice)

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Purpose: Provides a means for forward GCE units to request immediate air support from the DASC. Higher head quarters may monitor this net and modify, disapprove or approve specific requests. The DASC uses the net to brief requesting units on the details (what TAD, Freq etc.) of the mission. Emergency helo requests and target damage assessments may also be passed.

Crypto: Unsecure

Stations: DASC/NECOS
3D MARDIV/GUARD
RLT/GUARD
TACP'S/GUARD
HDC/GUARD

Circuit: NGF CONTROL/SUPPORT NET

Emission: 3K00J3E (HF Voice)

Purpose: Provides a means for the assignment of fire support ships, requests for and relief of fire support ships, requests for general support missions, relief reports, emergency reports, and orders applicable to the execution of NGF and the GCE units they support.

Crypto: UNSECURE (can be secured in certain cases)

Stations: SACC/NECOS
3D MARDIV FSCC/GUARD
RLT
SUPPORT SHIPS/GUARD

Circuit: NGF GROUND SPOT 1, 2, 3 NET

Emission: 3K00J3E (HF Voice)

Purpose: For controlling ships gunfire support. Primary use is to call and adjust fires between NGF ships and spotters.

Crypto: Unsecure

Stations: DIRECT SUPPORT SHIPS/GUARD
FSCC'S NGF LIASION OFFICER/SPOTTER/GUARD

GCE Circuits

Circuit: GCE NET 1 COMMAND

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Emission: 25K0G7W (UHF SATCOM Voice VINSON)

Purpose: To provide the GCE commander and his staff a means to pass UHF voice traffic to the MSE's.

Crypto: KY-57

Stations: 3D MARDIV/NECOS
COMMANDERS

(2) Circuit: GCE NET 2 OPS-TALK

Emission: 32K0F1E (VHF Voice VINSON)

Purpose: Provides the GCE commander and his staff a secondary VHF means to pass voice traffic to subordinates.

Crypto: KY-57

Stations: 3D MARDIV/NECOS
COMMANDERS & S-3's

Circuit: GCE NET 3

Emission: 3K00J3D (HF DCT)

Purpose: Provides the GCE commander and his staff an HF means to pass all types of traffic. Messages would be compiled in the free text mode.

Crypto: KY-65

Stations: 3D MARDIV/NECOS
RLT, SEP BN

Circuit: GCE NET 4

Emission: 32K0F1E (VHF Voice/RWI, COMM COORD VINSON)

Purpose: Provides the GCE commander, his staff and any remote units, radio access into the telephone system. Provides communicators a means of coordinating the restoration of critical circuits.

Crypto: KY-57

Stations: THIRD MARDIV/NECOS
ANY OTHER STATION/AS REQUIRED

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Circuit: GCE NET 5

Emission: 25K0A1E (UHF Voice VINSON)

Purpose: Provides the GCE commander and his staff UHF radio access (afloat) to other embarked LF units and will be used as a airborne relay when aircraft are available.

Crypto: KY-57

Stations: EMBARKED GCE STAFF (NECOS)
RLT's, OTHERS AS REQUIRED

Circuit: GCE NET 6

Emission: 32K0F1C (VHF Voice and Facsimile VINSON)

Purpose: Provides a means for the GCE commander and his staff to pass VHF voice and facsimile traffic to his subordinates.

Crypto: KY-57

Stations: THIRD MARDIV/NECOS
RLT

Circuit: GCE NET 7

Emission: 32K0F1D (VHF SECURE DATA VINSON)

Purpose: Provide a high speed data path between the Division and regimental command posts. Haydron modems and AN/UYK 85's will terminate this circuit.

Crypto: KY-57

Stations: THIRD MARDIV/NECOS
RLT, SEP BN

4. Frequencies

a. Frequencies will be found in the Communications Electronics Operating Instructions (CEOI). This document will list daily changing and non-changing frequencies for each unit by net listing.

b. Radio frequencies are at a premium. Certain frequencies used on low power radio circuits may be used in geographically dispersed areas at the same time during an operation. Spare frequencies will be managed by 3d Mar Div G-6, SYSCON.

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TAB B TO APPENDIX 4 TO ANNEX K
RADIO GUARD CHARTS (U)

1. (U) The following Radio Guard Charts will be adhered to.

AFLOAT

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ASHORE

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(4-B-2)
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TAB D TO APPENDIX 4 TO ANNEX K
DIVISION RETRANSMISSION CONCEPT

REFERENCE: (a) DivO P2000.10C (Communication-Electronics SOP)

1. General. The Division will normally employ two relay/retransmission teams to extend VHF communications fans in support of our subordinate forces. RTX Team 1 will be a helo-borne capable team and be able to deploy on 1 hours notice. RTX Team 2 will be mobile/man transportable and be able to deploy on 2 hours notice.

2. Concept. The Division Headquarters will employ its retransmission (RTX) teams in the following manner:

(a) Division Main radios will always use the primary assigned frequency except as modified by Division SYSCON due to frequency deconfliction.

(b) Division RTX teams will link with the Division MAIN on the primary assigned frequencies.

(c) Subordinate Division units will access Division Retrans circuits through the assigned RTX frequency (RTX TEAM 1 uses RTX 1 frequencies from the CEOI; RTX TEAM 2 uses RTX 2 frequencies from the CEOI etc.).

3. The following Links may be retransmitted from RTX TEAMS 1 and 2.

GCE Net 2 (OPS-TALK)
GCE Net 6 (FAX)
LF/DIV FSC

RTX TEAMS 1 and 2 will be deployed from the Division MAIN CP to extend communications to subordinate elements of the Division. Their positions will be reported over the GCE Net 2 as they are activated. Communication Officers of Division units will choose to use the deployed RTX Teams based on their position on the ground relative to the Division Headquarters.

4. RTX TEAMS will be controlled by Communications Company through GCE Net 4.

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APPENDIX 6 TO ANNEX K
WIRE AND MULTICHANNEL RADIO PLAN

REFERENCES: (a) DivO P2000.10C
(b) FM 24-21

1. Purpose. This Appendix establishes guidance for the installation, operation and maintenance of wire and multichannel radio systems for 3d Marine Division.

2. General

a. Link Identification. Links will be identified by four digit numbers derived from the switch locations of the establishing and terminating commands. If parallel links are established, alpha character will be used to identify the second and subsequent links (e.g. 0620A). The first number in the link number is the senior station (e.g., link 0609 is Div/12th Mar). 06 represents the DIV and is the controlling station on the link. It is responsible for the installation of the link as well.

b. Relays. Relays are defined as intermediate points of a link at which, other than order wires, no circuits are terminated or rerouted. Relay points will be identified by the suffix "R" (e.g. 0620R). If more than one relay is established in this link it will be designated in numerical sequence (e.g. 0620R1, 0620R2, etc.).

c. Subscriber Numbers. See the CTF 790 Tactical Telephone Directory. (TBI)

3. Communication Links. See TAB A to this Appendix. TBI

4. Channelization. See TAB B to this Appendix. TBI

5. Radio Frequencies. See CEOI.

6. Call Signs. See Appendix 4B to this ANNEX.

7. Multichannel Activation. Multichannel activation will commence upon order of the controlling authority for the individual link.

8. Wire

a. Wire lines will be identified and tagged per reference (a)

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b. The Division G-6, working with the CommCo will publish a phone directory for all Division participants (Dialing instructions will be included in this directory).

9. Switchboard Operations

a. Unit names will be used to identify switching locations by U.S. switchboard operators.

b. All switchboard operators will use the phrase "This is a non-secure line" when answering switchboard calls.

c. Maximum use will be made of the automatic features of the TTC-38/SB-3614 to enhance subscriber service.

d. The following phones in the 3d Marine Division CP will have PRIORITY dialing capability:

Commanding General.

Chief of Staff.

G-3 (COC SENIOR Watch O).

G-3 Officer

G-2 Officer

SYSCON.

G-6 Officer

10. Multichannel Link Priorities. Multichannel Link priorities are to be determined.

TABS:

A - Wire/Multichannel Traffic Diagram (TBI)

B - Wire/Multichannel System Channelization (TBI)

C - Switchboard/Telephone Service

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TAB B TO APPENDIX 6 TO ANNEX K
WIRE/MULTICHANNEL SYSTEM CHANNELIZATION (U)

REFERENCES: (a) DivO P2000.10C

1. To be issued at a later date.

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TAB C TO APPENDIX 6 TO ANNEX K
SWITCHBOARD/TELEPHONE SERVICE

Ref: (a) DivO P2000.10C
 (b) FMFM 3-30 APP 17

1. General. Switchboard/telephone service for the 3d Mar Div will be provided through a network of automatic switches that we call the Tactical Automated Switching System (TASS). This system is designed to allow for automatic dialing through one or more switchboards without operator assistance. This system is similar to the commercial system here on island and in CONUS except that you use a 4-3 (7301-121) numbering system rather than a 3-4 system (633-1555).

a. Currently, the TASS is not secure. In many cases, the path between units is over multichannel radio which can be easily intercepted by threat forces. Passing classified information over any telephone other than a keyed STU-III is a security violation and could result in compromise of the information passed.

b. The Primary Region (PR) for all 3d Marine Division forces is 73 for the TTC-38, and 9 for the SB-3614.

c. Switch Locations (SL's) are as follow:

UNIT	SL
III MEF	01
III MEF AFLOAT	95
3D MARDIV MAIN	06
4TH MARINES	20
9TH MARINES	30
12TH MARINES	09
AABN	04
RECON	07
3D CEB	08
1ST MAW	70
3D FSSG	54
3D FSSG FWD	60
9TH MEB	02
DASC	78

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HEADQUARTERS
3D MARINE DIVISION (REIN)
FPO AP 96602-5801
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APPENDIX 8 TO ANNEX K
CP DISPLACEMENT COMMUNICATIONS

REFERENCES: (a) FMFM 3-30
(b) FMFRP 3-32
(c) DivO P3120.13D (Draft Div CP SOP)

1. General

a. Command Post location changes must be carefully planned and coordinated in order to preclude the disruption of communications. Communications equipment should be mobile loaded, pre-wired, etc., to the maximum extent possible to facilitate rapid installation, breakdown and movement. Professional quality installation, operation and maintenance must not be compromised. Timeliness is of the essence, but a properly planned and executed displacement will be the most effective.

b. A detailed explanation of CP displacements is found in reference (c). The Division operates three command posts, Main, Forward, and Rear. Each command post accomplishes a discreet function and consequently are uniquely organized. Communications elements in support of the Division command posts must be very familiar with the CP SOP.

c. Although the Division CP SOP is specific and detailed, communications personnel must appreciate that displacements are METT (Mission, Enemy, Terrain and weather, Troops and equipment) dependent. Flexibility and imagination are essential for successful displacement operations.

d. Considerable thought must be given to the displacement of multichannel equipment and PLRS master stations. Equipment constraints, lift constraints and distance are a few challenges that must be carefully considered. Tabs A and B, when issued, will provide detailed guidance on the repositioning of these critical low density items.

2. Tasks and Responsibilities

a. Division G-6. Closely coordinate with the G-3 and other staff sections to keep abreast of the changing tactical situation. Provide timely notification to SYSCON of a planned displacement.

b. Communications Company. Provide appropriate representatives to the advanced party conducting site surveys.

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c. DASC, Radio Bn, Recon Bn. Coordinate with the G-6/SYSCON prior to a displacement to ensure communications requirements are planned.

3. Coordinating Instructions

a. Passing Control. Frequently, confusion is created when command and control is shifted from one command post to another. Paragraph 3006 of the Division Command Post SOP provides detailed instructions on the subject and should be thoroughly reviewed. The basic procedures are as follows.

(1) Forward Command Post moves to the vicinity of the new command post transmitter site.

(2) During movement, the staff of the Forward Command Post will monitor respective links/nets.

(3) First priority is to establish positive communications on all Forward Command Post nets.

(4) Each staff section establishes their own criteria for establishing positive command and control from the Main Command Post prior to actually passing control.

(5) Once each staff section is ready to assume control they notify the Forward Command Post G-3 representative who then notifies the Main Command Post that minimum communications have been established and the staff is ready to assume control.

(6) After notification, the Main Command Post calls the Forward Command Post and initiates a time hack count down for passage of control. As a guide, 5 minutes will be used on the first time hack, followed by 3 minutes, and 1 minute. The following procedure will be used:

"Control will be passed in 5 minutes."

"Control will be passed in 3 minutes."

"Control will be passed in 1 minute."

(7) Control will be passed by the use of a pre-determined codeword over the GCE LINK 2/OPS TALK. The main command post will contact the Forward Command Post and pass control by stating:

"CODE WORD"

(8) The Forward Command Post must acknowledge receipt by stating:

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"ROGER, CODE WORD"

(9) The same procedure will be used when control is passed to the Alternate Command Post. Net discipline is essential for an orderly transition.

b. Call Sign Procedures. Initially, the Forward and the Main Command Posts will use distinct call signs. Once command is passed the Forward Command Post will assume the Main's call sign. Plain text call signs will be used on all secure nets.

c. Catastrophic Command Post Casualty. In the event that the Division Main Command Post suffers a catastrophic casualty, control will automatically pass to the Division Alternate Command Post at 12th Marines. The Alternate Command Post will assume net control responsibilities on all GCE nets, and assume the guard on minimal essential MAGTF circuits. The remainder of the Division Communications Company Marines will fall under the cognizance of the 12th Marines Communications Officer.

Tab A - Division Displacement Radio Plan (TBI)
Tab B - Multichannel Displacement (TBI)
TAB C - PLRS Displacement Plan (TBI)

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